

650 Maintenance Service Order

Functional Group=MO

This Draft Standard for Trial Use contains the format and establishes the data contents of the Maintenance Service Order Transaction Set (650) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set provides a uniform, singular medium for the exchange of maintenance related information among organizations involved in the reporting, requesting, scheduling, planning, estimating, coordinating and performing of maintenance actions. It provides the structure to convey maintenance-related information, including maintenance action directives, maintenance actions, cost estimates, maintenance action assignments, maintenance action status, and completion reports. This transaction set can be used in a bi-directional environment alone or in conjunction with the Project Schedule Reporting Transaction Set (806) to link schedule and maintenance action information as well as with the Specifications/Technical Information Transaction Set (841) to link maintenance-related, media independent, technical data.

Notes:

- 1/0500L The N1 segment identifies the organization originating and receiving the transaction set.
- 1/0500 The N1 segment identifies the organization originating and receiving the transaction set.
- 2/0100L The HL levels are group work candidate and work candidate. Valid HL parent-child relationships are 1) group work candidate-group work candidate and 2) group work candidate-work candidate.
- 2/0100 The HL levels are group work candidate and work candidate. Valid HL parent-child relationships are 1) group work candidate-group work candidate and 2) group work candidate-work candidate.
- 2/0700 The YNQ segment identifies conditions related to a maintenance or repair requirement.
- 2/1500L The LM loop identifies management data that pertains to each use of the HL loop.
- 2/1500 The LM loop identifies management data that pertains to each use of the HL loop.
- 2/1900L The NM1 segment identifies individuals and organizations involved in identifying, coordinating or performing maintenance.
- 2/1900 The NM1 segment identifies individuals and organizations involved in identifying, coordinating or performing maintenance.

Federal Note:

1. This transaction set is used by the Assembly Activity to notify the Assembly Manager that packing has been completed at the Assembly Activity for the designated component within the specified parameters.
2. DoD logistics users should refer to the Defense Logistics Management System (DLMS) Supplement to the Federal Implementation Convention (IC) available at URL: <http://www.dla.mil/j-6/dlms>. The DLMS Supplement provides specific business rules, conditions, and authorized codes necessary for appropriate use of this IC within the DLMS.

DLMS Note:

1. Users operating under the Defense Logistics Management System (DLMS) must reference the Unit of Issue and Purchase Unit Conversion Table, Transportation Mode of Shipment Conversion Table, and the Accounting Classification Appendix which can be found on the Defense Logistics Management Standards Office (DLMSO) web site at www.dla.mil/j-6/dlms.
2. This DLMS supplement is an enhancement over the current Defense Logistics Standard System (DLSS), and provides functionality not available in the DLSS. This supplement supports functionality of the non-DLSS C-series Document Identifier Code C2F, Component Packing Confirmation.
3. This DLMS Supplement (DS) contains:
 - a. Data associated with a DLMS enhancement which may not be received or understood by the recipient's automated processing system. DLMS procedures may not have been developed. Components must coordinate requirements and business rules with DLMSO prior to use.
 - b. Data which is retained in the DLMS for a transition period to support transaction conversion in a mixed DLSS (and non-DLSS C-series)/DLMS environment. This data will be streamlined out once full DLMS implementation is reached. Components may coordinate with DLMSO for early termination (or retention) of specific data requirements for users operating in a full DLMS environment.
 - c. Data elements which have an expanded field size above existing DLSS (or non-DLSS C-series) capability which may not be supported by the recipient's automated processing system. Components must coordinate implementation with DLMSO prior to use.
4. This revision to the DLMS Supplement incorporates Proposed DLMS Change (PDC) and Approved DLMS Change (ADC) listed. PDCs/ADCs are available from the DLMSO web site <http://www.dla.mil/j-6/dlms/Changes>.
 - ADC 145, New DLMS Supplement (DS) and Federal Implementation Convention 650C, Component Packing Confirmation in Support of Medical Requirements (Supply)
 - ADC 189, Revise DLMS Supplement (DS) 650C, Component Packing Confirmation, to Allow for Functionality of Decimal Capability in Quantity Packed

Not Defined:

| <u>Pos</u> | <u>Id</u> | <u>Segment Name</u> | <u>Req</u> | <u>Max Use</u> | <u>Repeat</u> | <u>Notes</u> | <u>Usage</u> |
|------------|-----------|----------------------------|------------|----------------|---------------|--------------|--------------|
| * | ISA | Interchange Control Header | M | 1 | | | |
| * | GS | Functional Group Header | M | 1 | | | |

Heading:

| <u>Pos</u> | <u>Id</u> | <u>Segment Name</u> | <u>Req</u> | <u>Max Use</u> | <u>Repeat</u> | <u>Notes</u> | <u>Usage</u> |
|------------|-----------|--------------------------|------------|----------------|---------------|--------------|--------------|
| 0100 | ST | Transaction Set Header | M | 1 | | | Must use |
| 0200 | BGN | Beginning Segment | M | 1 | | | Must use |
| 0300 | REF | Reference Identification | O | >1 | | | Used |
| * 0400 | DTM | Date/Time Reference | O | >1 | | | |

| <u>LOOP ID - N1</u> | | | | | <u>≥1</u> | <u>N1/0500L</u> | |
|---------------------|-----|---------------------------------------|---|----|-----------|-----------------|------|
| 0500 | N1 | Name | O | 1 | | N1/0500 | Used |
| * 0600 | N2 | Additional Name Information | O | 2 | | | |
| * 0700 | N3 | Address Information | O | 2 | | | |
| * 0800 | N4 | Geographic Location | O | 1 | | | |
| * 0900 | PER | Administrative Communications Contact | O | >1 | | | |
| * 1000 | REF | Reference Identification | O | >1 | | | |

| <u>LOOP ID - LM</u> | | | | | <u>≥1</u> | | |
|---------------------|-----|---------------------------------------|---|----|-----------|--|----------|
| 1100 | LM | Code Source Information | O | 1 | | | Used |
| 1200 | LQ | Industry Code | M | >1 | | | Must use |
| * 1300 | PER | Administrative Communications Contact | O | >1 | | | |
| * 1400 | REF | Reference Identification | O | >1 | | | |

Detail:

| <u>Pos</u> | <u>Id</u> | <u>Segment Name</u> | <u>Req</u> | <u>Max Use</u> | <u>Repeat</u> | <u>Notes</u> | <u>Usage</u> |
|---------------------|-----------|--------------------------|------------|----------------|---------------|-----------------|--------------|
| <u>LOOP ID - HL</u> | | | | | <u>≥1</u> | <u>N2/0100L</u> | |
| 0100 | HL | Hierarchical Level | M | 1 | | N2/0100 | Must use |
| * 0200 | SPI | Specification Identifier | O | 1 | | | |
| 0300 | REF | Reference Identification | O | >1 | | | Used |
| 0400 | LIN | Item Identification | O | >1 | | | Used |
| * 0500 | DTM | Date/Time Reference | O | >1 | | | |
| 0600 | QTY | Quantity | O | >1 | | | Used |
| * 0700 | YNQ | Yes/No Question | O | >1 | | N2/0700 | |
| * 0800 | AMT | Monetary Amount | O | >1 | | | |
| * 0900 | PCT | Percent Amounts | O | >1 | | | |
| * 1000 | MEA | Measurements | O | >1 | | | |

| <u>* LOOP ID - CLI</u> | | | | | <u>≥1</u> | | |
|------------------------|-----|--------------------------|---|----|-----------|--|--|
| * 1100 | CLI | Cost Line Item | O | 1 | | | |
| * 1200 | QTY | Quantity | O | >1 | | | |
| * 1300 | AMT | Monetary Amount | O | >1 | | | |
| * 1400 | RPA | Rate Amounts or Percents | O | >1 | | | |

| <u>* LOOP ID - LM</u> | | | | | <u>≥1</u> | <u>N2/1500L</u> | |
|-----------------------|-----|--------------------------|---|----|-----------|-----------------|--|
| * 1500 | LM | Code Source Information | O | 1 | | N2/1500 | |
| * 1600 | LQ | Industry Code | M | >1 | | | |
| * 1700 | REF | Reference Identification | O | >1 | | | |
| * 1800 | DTM | Date/Time Reference | O | >1 | | | |

| <u>* LOOP ID - NM1</u> | | | | | <u>≥1</u> | <u>N2/1900L</u> | |
|------------------------|-----|-----------------------------------|---|---|-----------|-----------------|--|
| * 1900 | NM1 | Individual or Organizational Name | O | 1 | | N2/1900 | |
| * 2000 | N2 | Additional Name Information | O | 2 | | | |
| * 2100 | N3 | Address Information | O | 2 | | | |
| * 2200 | N4 | Geographic Location | O | 1 | | | |

| <u>Pos</u> | <u>Id</u> | <u>Segment Name</u> | <u>Req</u> | <u>Max Use</u> | <u>Repeat</u> | <u>Notes</u> | <u>Usage</u> |
|------------------------|-----------|-----------------------------------|------------|----------------|---------------|--------------|--------------|
| * 2300 | COM | Communication Contact Information | O | >1 | | | |
| * 2400 | REF | Reference Identification | O | >1 | | | |
| * LOOP ID - MTX | | | | | ≥1 | | |
| * 2500 | MTX | Text | O | 1 | | | |
| * 2600 | DTM | Date/Time Reference | O | >1 | | | |
| * 2700 | NM1 | Individual or Organizational Name | O | >1 | | | |
| * 2800 | REF | Reference Identification | O | >1 | | | |
| 2900 | SE | Transaction Set Trailer | M | 1 | | | Must use |

Not Defined:

| <u>Pos</u> | <u>Id</u> | <u>Segment Name</u> | <u>Req</u> | <u>Max Use</u> | <u>Repeat</u> | <u>Notes</u> | <u>Usage</u> |
|------------|-----------|-----------------------------|------------|----------------|---------------|--------------|--------------|
| * | GE | Functional Group Trailer | M | 1 | | | |
| * | IEA | Interchange Control Trailer | M | 1 | | | |

ST Transaction Set Header

Pos: 0100

Max: 1

Heading - Mandatory

Loop: N/A

Elements: 3

User Option (Usage): Must use

To indicate the start of a transaction set and to assign a control number

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition.

Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|------|------|--|-----|------|---------|----------|
| ST01 | 143 | Transaction Set Identifier Code | M | ID | 3/3 | Must use |
| | | Description: Code uniquely identifying a Transaction Set | | | | |
| | | Code Name | | | | |
| | | 650 Maintenance Service Order | | | | |
| ST02 | 329 | Transaction Set Control Number | M | AN | 4/9 | Must use |
| | | Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set | | | | |
| | | Federal Note: A unique number assigned by the originator of the transaction set, or the originator's application program. | | | | |
| ST03 | 1705 | Implementation Convention Reference | O | AN | 1/35 | Used |
| | | Description: Reference assigned to identify Implementation Convention | | | | |

BGN Beginning Segment

| | |
|----------------------------|--------------------|
| Pos: 0200 | Max: 1 |
| Heading - Mandatory | |
| Loop: N/A | Elements: 4 |

User Option (Usage): Must use

To indicate the beginning of a transaction set

Syntax Rules:

1. C0504 - If BGN05 is present, then BGN04 is required.

Semantics:

1. BGN02 is the transaction set reference number.
2. BGN03 is the transaction set date.
3. BGN04 is the transaction set time.
4. BGN05 is the transaction set time qualifier.
5. BGN06 is the transaction set reference number of a previously sent transaction affected by the current transaction.

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> | | | | | | |
|-------------|--------------------------|---|-------------|-------------|----------------|--------------------------|----|---------------------|-----|------|-----|----------|
| BGN01 | 353 | Transaction Set Purpose Code Description: Code identifying purpose of transaction set <table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>00</td><td>Original</td></tr><tr><td>77</td><td>Simulation Exercise</td></tr></table> DLMS Note: <i>Use to identify a simulated mobilization exercise transaction set. Activities initiating simulated mobilization exercises must ensure complete coordination with all activities involved. All transaction set recipients must use extreme caution to ensure that individual transactions do not process as action documents which affect accountable records.</i> | <u>Code</u> | <u>Name</u> | 00 | Original | 77 | Simulation Exercise | M | ID | 2/2 | Must use |
| <u>Code</u> | <u>Name</u> | | | | | | | | | | | |
| 00 | Original | | | | | | | | | | | |
| 77 | Simulation Exercise | | | | | | | | | | | |
| BGN02 | 127 | Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Federal Note: <i>Use code 'Z' for this data element to satisfy mandatory X12 Requirements.</i> | M | AN | 1/50 | Must use | | | | | | |
| BGN03 | 373 | Date Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year Federal Note: <i>This date corresponds to the Universal Time Coordinate (UTC).</i> | M | DT | 8/8 | Must use | | | | | | |
| BGN07 | 640 | Transaction Type Code Description: Code specifying the type of transaction <table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>ZB</td><td>Report of Work Candidate</td></tr></table> DLMS Note: <i>Use for component packing confirmation. (non-DLSS DI Code C2F). An ANSI data maintenance action will be taken to obtain a more appropriate code for Component Packing Confirmation for use in a future version/release.</i> | <u>Code</u> | <u>Name</u> | ZB | Report of Work Candidate | O | ID | 2/2 | Used | | |
| <u>Code</u> | <u>Name</u> | | | | | | | | | | | |
| ZB | Report of Work Candidate | | | | | | | | | | | |

REFReference Identification

Pos: 0300Max: >1

Heading - Optional

Loop: N/AElements: 2

User Option (Usage): Used

To specify identifying information

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

DLMS Note:

Must use this 1/REF/0300 to identify the Build Directive Number for this transaction.

Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-------|-----|--|-----|------|---------|----------|
| REF01 | 128 | Reference Identification Qualifier | M | ID | 2/3 | Must use |
| | | Description: Code qualifying the Reference Identification | | | | |
| | | Federal Note: Use any code. | | | | |
| | | DLMS Note: For DLMS use, only the following codes are authorized. | | | | |
| | | Code Name | | | | |
| | | WO Work Order Number | | | | |
| | | DLMS Note: Use to identify the Build Directive Number for medical/surgical component assembly. (A data maintenance action was approved in version 5010. The approved code/name is BDN – Build Directive Number). | | | | |
| REF02 | 127 | Reference Identification | X | AN | 1/50 | Used |
| | | Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | | | |

N1 Name

| | |
|---------------------------|--------------------|
| Pos: 0500 | Max: 1 |
| Heading - Optional | |
| Loop: N1 | Elements: 4 |

User Option (Usage): Used

To identify a party by type of organization, name, and code

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

Federal Note:

Must use this 1/N1/0500 loop to identify the organizations originating the transaction set and to receive the transaction set.

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|-------------------------------|------------|-------------|----------------|--------------|
| N101 | 98 | Entity Identifier Code | M | ID | 2/3 | Must use |

Description: Code identifying an organizational entity, a physical location, property or an individual

Federal Note: *Use any code.*

DLMS Note: *For DLMS use, only the following codes are authorized.*

Code Name

WZ Final Maintenance Organization

DLMS Note:

Use to identify [final] assembly/maintenance activity for medical/surgical component assembly. This organization will complete kit assemblies and ship to final destination activity.

Z4 Owning Inventory Control Point

DLMS Note:

Use to identify the supply source/Assembly Manager.

| | | | | | | |
|------|----|--------------------------------------|---|----|-----|------|
| N103 | 66 | Identification Code Qualifier | X | ID | 1/2 | Used |
|------|----|--------------------------------------|---|----|-----|------|

Description: Code designating the system/method of code structure used for Identification Code (67)

Code Name

1 D-U-N-S Number, Dun & Bradstreet

DLMS Note:

DLMS enhancement; see introductory DLMS note 3a.

9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix

DLMS Note:

DLMS enhancement; see introductory DLMS note 3a.

10 Department of Defense Activity Address Code (DODAAC)

DLMS Note:

DLMS enhancement; see introductory DLMS note 3a.

M4 Department of Defense Routing Identifier Code (RIC)

DLMS Note:

1. The RIC is retained in the DLMS to facilitate transaction conversion in a mixed DLSS/DLMS environment. Continued support of the RIC in a full DLMS environment will be assessed at a future date. Typically under the DLMS, the RIC will be replaced with a DoDAAC or a commercial identifier.

| <u>Code</u> <u>Name</u> | |
|---|----------------|
| 2. Future streamlined data; see introductory DLMS note 3b. | |
| N104 | 67 |
| Identification Code | |
| | X AN 2/80 Used |
| Description: Code identifying a party or other code | |
| N106 | 98 |
| Entity Identifier Code | |
| | O ID 2/3 Used |
| Description: Code identifying an organizational entity, a physical location, property or an individual | |

| <u>Code</u> <u>Name</u> | |
|--|--------------|
| FR | Message From |
| DLMS Note: | |
| Use with 1/N101/0500 code WZ to indicate that the organization cited in N104 is originating the transaction set. | |
| TO | Message To |
| DLMS Note: | |
| Use with 1/N101/0500 code Z4 to indicate that the organization cited in N104 is the action organization receiving the transaction set. | |

LM

Code Source Information

Pos: 1100

Max: 1

Heading - Optional

Loop: LM

Elements: 1

User Option (Usage): Used

To transmit standard code list identification information

Comments:

1. LM02 identifies the applicable industry code list source information.

Federal Note:

Use this 1/LM/1100 loop to identify coded information maintained in department or agency documentation.

Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|--|-----|-----------------------|-----|------|---------|----------|
| LM01 | 559 | Agency Qualifier Code | M | ID | 2/2 | Must use |
| Description: Code identifying the agency assigning the code values | | | | | | |
| Code Name | | | | | | |
| DF Department of Defense (DoD) | | | | | | |

LQ Industry Code

Pos: 1200

Max: >1

Heading - Mandatory

Loop: LM

Elements: 2

User Option (Usage): Must use

Code to transmit standard industry codes

Syntax Rules:

1. C0102 - If LQ01 is present, then LQ02 is required.

Federal Note:
Use to identify codes, as appropriate, consistent with management information requirements.

Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|------|------|--|-----|------|---------|-------|
| LQ01 | 1270 | Code List Qualifier Code | O | ID | 1/3 | Used |
| | | Description: Code identifying a specific industry code list | | | | |
| | | Federal Note: Use any code. | | | | |
| | | DLMS Note: For DLMS use, only the following codes are authorized. | | | | |
| | | Code Name | | | | |
| | | 0 Document Identification Code | | | | |
| | | DLMS Note: | | | | |
| | | 1. The DI Code is retained in the DLMS to facilitate transaction conversion in a mixed DLSS/DLMS environment. Continued support of the DI Code in a full DLMS environment will be assessed at a future date. | | | | |
| | | 2. Future streamlined data; see introductory DLMS note 3b. | | | | |
| LQ02 | 1271 | Industry Code | X | AN | 1/30 | Used |
| | | Description: Code indicating a code from a specific industry code list | | | | |

HL Hierarchical Level

| | |
|---------------------------|--------------------|
| Pos: 0100 | Max: 1 |
| Detail - Mandatory | |
| Loop: HL | Elements: 4 |

User Option (Usage): Must use

To identify dependencies among and the content of hierarchically related groups of data segments

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Federal Note:

For use in Component Packing Confirmation loop.

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> | | | | |
|-------------|-------------|--|-------------|-------------|----------------|--------------|---|----|-----|----------|
| HL01 | 628 | Hierarchical ID Number Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure Federal Note: <i>In the first 2/HL/0100 loop iteration, cite numeric 1. In each subsequent loop iteration, increase incrementally by 1.</i> | M | AN | 1/12 | Must use | | | | |
| HL02 | 734 | Hierarchical Parent ID Number Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to | O | AN | 1/12 | Used | | | | |
| HL03 | 735 | Hierarchical Level Code Description: Code defining the characteristic of a level in a hierarchical structure Federal Note: <i>Use any code.</i> DLMS Note: <i>For DLMS use, only the following codes are authorized.</i> <table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>F</td><td>Component</td></tr></table> DLMS Note: <i>For Medical use in Component Packing Confirmation loop.</i> | <u>Code</u> | <u>Name</u> | F | Component | M | ID | 1/2 | Must use |
| <u>Code</u> | <u>Name</u> | | | | | | | | | |
| F | Component | | | | | | | | | |
| HL04 | 736 | Hierarchical Child Code Description: Code indicating if there are hierarchical child data segments subordinate to the level being described All valid standard codes are used. | O | ID | 1/1 | Used | | | | |

REFReference Identification

Pos: 0300Max: >1

Detail - Optional

Loop: HLElements: 2

User Option (Usage): Used

To specify identifying information

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

Federal Note:

Use in Component Packing Confirmation loop.

Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-------|-----|--|-----|------|---------|----------|
| REF01 | 128 | Reference Identification Qualifier | M | ID | 2/3 | Must use |
| | | Description: Code qualifying the Reference Identification | | | | |
| | | Federal Note: Use any code. | | | | |
| | | DLMS Note: For DLMS use, only the following codes are authorized. | | | | |
| | | Code Name | | | | |
| | | 55 Sequence Number | | | | |
| | | DLMS Note: Use to identify the Sort Sequence Number. | | | | |
| | | SQ Container Sequence Number | | | | |
| | | DLMS Note: Use to identify the Container Sequence Number. | | | | |
| REF02 | 127 | Reference Identification | X | AN | 1/50 | Used |
| | | Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | | | |

LINItem Identification

Pos: 0400

Max: >1

Detail - Optional

Loop: HL

Elements: 4

User Option (Usage): Used

To specify basic item identification data

Syntax Rules:

- 1. P0405 - If either LIN04 or LIN05 is present, then the other is required.
- 2. P0607 - If either LIN06 or LIN07 is present, then the other is required.
- 3. P0809 - If either LIN08 or LIN09 is present, then the other is required.
- 4. P1011 - If either LIN10 or LIN11 is present, then the other is required.
- 5. P1213 - If either LIN12 or LIN13 is present, then the other is required.
- 6. P1415 - If either LIN14 or LIN15 is present, then the other is required.
- 7. P1617 - If either LIN16 or LIN17 is present, then the other is required.
- 8. P1819 - If either LIN18 or LIN19 is present, then the other is required.
- 9. P2021 - If either LIN20 or LIN21 is present, then the other is required.
- 10. P2223 - If either LIN22 or LIN23 is present, then the other is required.
- 11. P2425 - If either LIN24 or LIN25 is present, then the other is required.
- 12. P2627 - If either LIN26 or LIN27 is present, then the other is required.
- 13. P2829 - If either LIN28 or LIN29 is present, then the other is required.
- 14. P3031 - If either LIN30 or LIN31 is present, then the other is required.

Semantics:

- 1. LIN01 is the line item identification

Comments:

- 1. See the Data Dictionary for a complete list of IDs.
- 2. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Federal Note:

Use in 2/HL/0100 transaction loops to identify the material.

DLMS Note:

For Medical use in Component Packing Confirmation loop.

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|--|------------|-------------|----------------|--------------|
| LIN02 | 235 | Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) Federal Note: <i>Use any code.</i> DLMS Note: <i>For DLMS use, only the following codes are authorized.</i> | M | ID | 2/2 | Must use |
| | | Code Name | | | | |
| | | A3 Locally Assigned Control Number | | | | |
| | | DLMS Note: <i>Must use with the Component Packing Conformation loop, to identify the Assemblage Identification Number (AIN).</i> | | | | |
| | | FS National Stock Number | | | | |
| LIN03 | 234 | Product/Service ID | M | AN | 1/48 | Must use |
| | | Description: Identifying number for a product or service | | | | |

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---|------------|-------------|----------------|--------------|
| LIN04 | 235 | Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) Federal Note: <i>Use any code.</i> DLMS Note: <i>For DLMS use, only the following codes authorized.</i> Code Name OE Original Equipment Number DLMS Note: <i>Use to identify the Original Component Stock Number for medical/surgical component assembly.</i> | X | ID | 2/2 | Used |
| LIN05 | 234 | Product/Service ID Description: Identifying number for a product or service | X | AN | 1/48 | Used |

QTY

Quantity

Pos: 0600

Max: >1

Detail - Optional

Loop: HL

Elements: 3

User Option (Usage): Used

To specify quantity information

- Syntax Rules:
- 1. R0204 - At least one of QTY02 or QTY04 is required.
 - 2. E0204 - Only one of QTY02 or QTY04 may be present.

- Semantics:
- 1. QTY04 is used when the quantity is non-numeric.

Federal Note:

Use in 2/HL/0100 transaction loops to identify the quantity being requested.

DLMS Note:

For Medical use in Component Packing Confirmation loop.

Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | | | | | | | | | | | | | | |
|--|-------------------|------------------------------------|-----|------|---------|----------|------|------|----|-------------------|------------|--|---|--|----|-----------------|------------|--|---|--|
| QTY01 | 673 | Quantity Qualifier | M | ID | 2/2 | Must use | | | | | | | | | | | | | | |
| Description: Code specifying the type of quantity | | | | | | | | | | | | | | | | | | | | |
| Federal Note: Use any code. | | | | | | | | | | | | | | | | | | | | |
| DLMS Note: For DLMS use, only the following codes are authorized. | | | | | | | | | | | | | | | | | | | | |
| <table><tr><th>Code</th><th>Name</th></tr><tr><td>63</td><td>On Order Quantity</td></tr><tr><td colspan="2">DLMS Note:</td></tr><tr><td colspan="2">Use to identify the number of assemblies being requested (Total Number of Assemblages).</td></tr><tr><td>UA</td><td>Units Completed</td></tr><tr><td colspan="2">DLMS Note:</td></tr><tr><td colspan="2">Use to identify the component quantity packed. To reverse all or part of a transaction, use a minus sign in front of the quantity to be reversed.</td></tr></table> | | | | | | | Code | Name | 63 | On Order Quantity | DLMS Note: | | Use to identify the number of assemblies being requested (Total Number of Assemblages). | | UA | Units Completed | DLMS Note: | | Use to identify the component quantity packed. To reverse all or part of a transaction, use a minus sign in front of the quantity to be reversed. | |
| Code | Name | | | | | | | | | | | | | | | | | | | |
| 63 | On Order Quantity | | | | | | | | | | | | | | | | | | | |
| DLMS Note: | | | | | | | | | | | | | | | | | | | | |
| Use to identify the number of assemblies being requested (Total Number of Assemblages). | | | | | | | | | | | | | | | | | | | | |
| UA | Units Completed | | | | | | | | | | | | | | | | | | | |
| DLMS Note: | | | | | | | | | | | | | | | | | | | | |
| Use to identify the component quantity packed. To reverse all or part of a transaction, use a minus sign in front of the quantity to be reversed. | | | | | | | | | | | | | | | | | | | | |
| QTY02 | 380 | Quantity | X | R | 1/15 | Used | | | | | | | | | | | | | | |
| Description: Numeric value of quantity | | | | | | | | | | | | | | | | | | | | |
| DLMS Note: 1. For QTY01 Code 63, express as whole number with no decimals. A field size exceeding 5 positions may not be received or understood by the recipient's automated processing system. See introductory DLMS note 3c. | | | | | | | | | | | | | | | | | | | | |
| 2. For QTY01 Code UA, express number with up to two decimal positions. A field size exceeding 8 positions (three of which are the decimal point and two decimal positions), may not be received or understood by the recipient's automated processing system. The non-DLSS DI Code C2F carried 2 decimal places in the quantity packed field (rp 25-31). See introductory DLMS note 3c. | | | | | | | | | | | | | | | | | | | | |
| QTY03 | C001 | Composite Unit of Measure | O | Comp | | Used | | | | | | | | | | | | | | |
| Description: To identify a composite unit of measure(See Figures Appendix for examples of use) | | | | | | | | | | | | | | | | | | | | |
| | 355 | Unit or Basis for Measurement Code | M | ID | 2/2 | Must use | | | | | | | | | | | | | | |

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|---|-----------|---------------------|------------|-------------|----------------|--------------|
| Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken | | | | | | |
| Federal Note: <i>Use to identify the unit of issue for material requested.</i> | | | | | | |
| DLMS Note: <i>1. For use with QTY01 code UA. 2. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes.</i> | | | | | | |

SETransaction Set Trailer

Pos: 2900

Max: 1

Detail - Mandatory

Loop: N/A

Elements: 2

User Option (Usage): Must use

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Comments:

- 1. SE is the last segment of each transaction set.

Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|--|-----|--------------------------------|-----|------|---------|----------|
| SE01 | 96 | Number of Included Segments | M | N0 | 1/10 | Must use |
| Description: Total number of segments included in a transaction set including ST and SE segments | | | | | | |
| SE02 | 329 | Transaction Set Control Number | M | AN | 4/9 | Must use |
| Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set | | | | | | |
| Federal Note: Cite the same number as the one cited in ST02. | | | | | | |

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